



SAFETY DATA SHEET

Page : 1

Revised edition no : 4

Date : 20/2/2007

Supersedes : 19/2/2007

PROPLANT

CA701337

www.lisam.com



Xi : Irritant

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Identification of the product : Propamocarb hydrochloride 722 g/L SL
Trade name : PROPLANT
Use : Fungicide.
Company identification : AGRIPHAR S.A.
Rue de Renory, 26/1
B-4102 Ougrée Belgique-Belgie
Tel. : +32 (0)4 385 97 11
Fax : +32 (0)4 385 97 49
e-mail: info@agriphar.com
http://www.agriphar.com
Emergency phone nr : See Anti-poison center.

2 COMPOSITION / INFORMATION ON INGREDIENTS

* This product is considered to be hazardous and contains hazardous components.

Substance name	Contents	CAS No / EC No / Index No	Symbol(s)	R-Phrase(s)
* <u>Propamocarb hydrochloride</u>	: 702 to 737 g/L	25606-41-1 / 247-125-9 / -----	Xi	43
<i>Rat oral LD50 [mg/kg]</i>	: > 2000			
<i>Percutaneous (rat) LD50 [mg/kg]</i>	: > 2000			
<i>Rat inhalation LC50 [mg/l/4h]</i>	: > 5			

3 HAZARDS IDENTIFICATION

* Risk Phrases : May cause sensitization by skin contact.
Symptoms relating to use
- Inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
* - Skin contact : Repeated exposure may cause sensitization due to an allergic reaction of the skin.
- Eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
- Ingestion : Keep away from food, drink and animal feeding stuffs.

4 FIRST AID MEASURES

First aid measures
- Inhalation : Assure fresh air breathing. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek medical advice.
- Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if ill effect develops.
- Eye contact : Check for and remove any contact lenses. In case of eye contact, immediately rinse with clean water for 10-15 minutes. Obtain emergency medical attention if pain, blinking, tears or redness persist.
- Ingestion : DO NOT INDUCE VOMITING. If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice (show the label where possible).

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5 FIRE-FIGHTING MEASURES

Flammable class	: Not combustible.
Prevention	: No smoking.
Extinguishing media	
- Suitable extinguishing media	: Dry chemical. Foam. Water fog. Water spray.
- Unsuitable extinguishing media	: Do not use a heavy water stream.
Surrounding fires	: Use water spray or fog for cooling exposed containers.
Special procedures	: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

6 ACCIDENTAL RELEASE MEASURES

Clean up methods	: Spill area may be slippery. Dike for recovery or absorb with appropriate material. Dilute residues and flush.
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7 HANDLING AND STORAGE

Storage	: Store in dry, well-ventilated area. Store above -10 °C.
Handling	: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection	
- Respiratory protection	: Not required.
- Hand protection	: Gloves.
- Skin protection	: Protective clothing not absolutely necessary.
- Eye protection	: Goggles.
- Ingestion	: When using, do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20 °C	: Liquid.
Colour	: Colourless.
Odour	: Fruity.
pH value	: 4-6
Boiling point [°C]	: 100
Density	: 1.083
Flash point [°C]	: NA
Auto-ignition temperature [°C]	: >400
Log P octanol / water at 20°C	: -1.36

10 STABILITY AND REACTIVITY

Stability and reactivity	: Stable.
Hazardous decomposition products	: None under normal conditions.
Hazardous reactions	: None under normal conditions.
Hazardous properties	: None under normal conditions.

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11 TOXICOLOGICAL INFORMATION

- * Toxicity information
 - Rat oral LD50 [mg/kg] : >2000
 - Rabbit dermal LD50 [mg/kg] : >2000
 - Rat inhalation LC50 [mg/l/4h] : >5
- * Sensitization : May cause sensitization by skin contact.

12 ECOLOGICAL INFORMATION

- LC50-96 Hour - fish [mg/l] : >100
- 48 Hour-EC50 - Daphnia magna [mg/l] : >100
- IC50 72h Algae [mg/l] : 176

13 DISPOSAL CONSIDERATIONS

- General : Dispose in a safe manner in accordance with local/national regulations.

14 TRANSPORT INFORMATION

- Land transport**
 - ADR/RID : Not classified.
- Sea transport**
 - IMO-IMDG code : Not classified.
- Air transport**
 - IATA - Class or division : Not classified.

15 REGULATORY INFORMATION

- * - Symbol(s) : Xi : Irritant
- * - R Phrase(s) : R43 : May cause sensitization by skin contact.
- * - S Phrase(s) : S2 : Keep out of the reach of children.
S13 : Keep away from food, drink and animal feedingstuffs.
S20/21 : When using, do not eat, drink or smoke.
S24 : Avoid contact with skin.
S37 : Wear suitable gloves.

16 OTHER INFORMATION

- Further information : Revision - See : *

The contents and format of this SDS are in accordance with EEC Commission Directive 2001/58EC.

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